

Document Log Item

Addressing	
From	To
Adam Freedman/R9/USEPA/US	David Basinger/R9/USEPA/US@EPA David Basinger/R9/USEPA/US
CC	BCC
David Albright/R9/USEPA/US@EPA George Robin/R9/USEPA/US@EPA R9-Deep	
Description Form Used: Reply	
Subject	Date/Time
Re: (Shell) C6 CCS Plugging & Abandonment Plans	02/26/2010 10:02 AM
# of Attachments	Total Bytes
0	27,862
NPM	Contributor
Processing	
Comments	

Body

Document Body

Deliberative Ex. (b)(5)

[Redacted Content]

Deliberative Ex. (b)(5)

-Adam

David Basinger---02/26/2010 09:26:10 AM---

Deliberative Ex. (b)(5)

From: David Basinger/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA
Cc: Adam Freedman/R9/USEPA/US@EPA, David Albright/R9/USEPA/US@EPA, R9-Deep
Date: 02/26/2010 09:26 AM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

• [Redacted]
[Redacted]
[Redacted]

[Redacted]

[Redacted]

Dave

George Robin---02/25/2010 02:21:20 PM---[Redacted]
[Redacted]

From: George Robin/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Cc: David Albright/R9/USEPA/US@EPA, R9-Deep
Date: 02/25/2010 02:21 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

[Redacted]
[Redacted]
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[Redacted]
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[Redacted]
[Redacted]

[Redacted]
[Redacted]

[Redacted]

George

Adam Freedman---02/24/2010 05:13:47 PM---
[REDACTED]

From: Adam Freedman/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA, R9-Deep
Date: 02/24/2010 05:13 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

David Albright--02/24/2010 05:02:13 PM--
[REDACTED]

From: David Albright/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA, R9-Deep
Date: 02/24/2010 05:02 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

Re: (Shell) C6 CCS Plugging & Abandonment Plans

Re: (Shell) C6 CCS Plugging & Abandonment Plans 

Adam Freedman

to: George Robin

02/24/2010
04:55 PM

Cc: R9-Deep

Deliberative Ex. (b)(5)

-Adam

George Robin--02/23/2010 11:11:14 AM---Thanks Adam,

Deliberative Ex. (b)(5)

From: George Robin/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA

Cc: R9-Deep
Date: 02/23/2010 11:11 AM
Subject: (Shell) C6 CCS Plugging & Abandonment Plans

Thanks Adam,

Deliberative Ex. (b)(5)
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Deliberative Ex. (b)(5)
[Redacted text block]

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[Redacted text block]

Deliberative Ex. (b)(5)

George

Adam Freedman---02/23/2010 10:46:53 AM---George--

Deliberative Ex. (b)(5)

From: Adam Freedman/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA
Date: 02/23/2010 10:46 AM
Subject: Re: Fw: C6 CCS Plugging & Abandonment Plans

George--

Deliberative Ex. (b)(5)

-Adam

George Robin---02/18/2010 12:49:10 PM---

Deliberative Ex. (b)(5)

From: George Robin/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Date: 02/18/2010 12:49 PM
Subject: Fw: C6 CCS Plugging & Abandonment Plans

Adam,

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George

----- Forwarded by George Robin/R9/USEPA/US on 02/18/2010 12:39 PM -----

From: <Damonica.Pierson@Shell.com>
To: Adam Freedman/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA
Date: 02/17/2010 10:00 AM
Subject: RE: C6 CCS Plugging & Abandonment Plans

Adam and George, attached below is a schematic that visually represents the temporary and permanent P&A for the injection well. There is a note on the drawing that indicates similar P&A procedures for the monitoring well. Realizing that you originally requested two separate drawings, let me know if this will suffice.

-----Original Message-----

From: Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

Sent: Tuesday, February 09, 2010 6:18 PM

To: Pierson, Damonica M SEPCO-SWE

Cc: robin.george@epa.gov

Subject: C6 CCS Plugging & Abandonment Plans

Damonica,

In Attachment Q of your permit application, C6 describes their general plugging and abandonment (P&A) plans. I am requesting that C6 submit schematics (similar to Figure M-1) that will complement that written description. The schematics should visually represent both the temporary and permanent P&A plans as submitted (two separate schematics should be prepared), showing where the cement plugs will be, where mud will be used, an accurate portrayal of the wells after any of the temporarily installed monitoring equipment is removed, and the depths of relevant geologic formations. For guidance, on this website (<http://www.epa.gov/region09/water/groundwater/uic-permits.html#lapaloma>) click on the Final Permit for La Paloma Generating Company and see Figures 9a and 9b. If you have any questions, please feel free to contact me. Thank you.

Adam Freedman

Environmental Scientist, Underground Injection Control

U.S. Environmental Protection Agency, Region 9

75 Hawthorne Street (WTR-9)

San Francisco, CA 94105-3901

415.972.3845

freedman.adam@epa.gov [attachment "TA_PA well schematic Injection Well.ppt" deleted by Adam Freedman/R9/USEPA/US]

